What is claimed is:

1. A medicated foam structure comprising:

a foam structure having first and second sides, and

a therapeutic agent applied on at least one side.

2. The medicated foam structure according to Claim 1 wherein the structure of the foam comprises porous open cells with a diameter of about 500 microns to about 700 microns.

3. The medicated foam structure according to Claim 1 having wherein the structure has side edges.

4. The medicated foam structure according to Claim 1 wherein the therapeutic agent is selected from the group consisting of silicone gel, hydrogels, collagenases, antibacterials, antivirals, antifungals, wound modulating factors, growth factors such as platelet derived growth factors, protease modulating matrix, natural substances, vitamin A, vitamin C, vitamin E, tea tree oil, aloe vera and emu oil.

5. The medicated foam structure according to Claim 1 wherein the therapeutic agent is applied to one or more sides of the structure so the open cell can hold and subsequently release the therapeutic agent.

6. The medicated foam structure according to Claim 1 wherein the structure holds sufficient quantities of therapeutic agents to treat wounds and not to obstruct the porous open cell structure.

7. The medicated foam structure according to Claim 1 wherein the therapeutic agent is applied to the one side to form a layer of therapeutic agent with the open cells of the structure in a thickness of about 150 microns to about 500 microns.

8. The medicated foam structure according to Claim 1 wherein the therapeutic agent is applied to the structure by methods selected from the group consisting of spraying, dipping the foam into a liquid therapeutic agent, and pouring the liquid therapeutic agent onto the foam structure.

9. The medicated foam structure according to Claim 1 wherein it is shaped as a limb, glove, leg or foot.

10. A method of treating wounds by applying a medicated foam structure to the wound, the structure having at least first and second sides and a therapeutic agent applied to at least one side .

11. The method according to Claim 10 wherein the structure of the foam comprises porous open cells with a diameter of about 500 to about 700 microns.

12. The method according to Claim 10 wherein the therapeutic agent is selected from the group consisting of silicone gel, hydrogels, collagenases, antibacterials, antivirals, antifungals, wound modulating factors, a protease modulating matrix and natural substances.

13. The method according to Claim 12 where its wound modulating factor is a growth factor.

14. The method according to Claim 12 where natural substance is released from the group consisting of Vitamin A, Vitamin C, Vitamin E, tea tree oil, aloe vera and emu oil.

15. The method according to Claim 10 wherein the therapeutic agent is applied to at least the first side so the open cell holds and subsequently releases the therapeutic agent.

16. The method according to Claim 10 wherein the structure holds sufficient quantities of therapeutic agents to treat wounds and not to obstruct the porous open cell structure.

17. The method according to Claim 10 wherein the therapeutic agent is applied to at least the first side to form a layer of therapeutic agent with the open cells of the structure in a thickness of about 150 microns to about 500 microns.

18. The method according to Claim 10 wherein the therapeutic agent is applied to either or both sides by methods selected from the group consisting of spraying, dipping the foam into a liquid therapeutic agent, and pouring the liquid therapeutic agent onto the foam structure.

19. The method according to Claim 10 wherein negative pressure is applied to the wound through the medicated foam structure to promote healing.

20. The method according to Claim 10 when the wound to be treated is selected from the group consisting of chronic open wounds, diabetic ulcers, acute wounds, traumatic wounds, skin grafts, chronic subacute wounds, burns, flaps, traumatic ulcers, pressure ulcers, and dehisced wounds.

21. A medicated foam structure comprising a foam structure having first and second sides with the second side defining an enclosure for accepting parts of the body to be treated selected from the group consisting of a limb, digit, hand, foot or part of a limb wherein a therapeutic agent is applied to the second side which is in contact with the part of the body to be treated with the therapeutic agent.

22. The medicated foam structure according to Claim 21 wherein the structure of the foam comprises porous open cells with a diameter of about 500 microns to about 700 microns.

23. The medicated foam structure according to Claim 21 wherein the therapeutic agent is selected from the group consisting of silicone gel, hydrogels, collagenases, antibacterials, antivirals, antifungals, wound modulating factors, growth factors, platelet derived growth factors, a protease modulating matrix, natural substances, vitamin A, vitamin C, vitamin E, tea tree oil, aloe vera and emu oil.

24. The medicated foam structure according to Claim 21 wherein the therapeutic agent is applied to one or more sides of the structure so the open cell can hold and subsequently release the therapeutic agent.

25. A system for treating a wound comprising:

a. a medicated foam structure having first and second sides, and a therapeutic agent applied on at least one side that is applied to the wound,
b. a flexible bag body enclosing the wound and medicated foam structure, said body bag having an adjustable sealable opening and
c. means for applying negative pressure to the wound through the medicated foam structure to promote healing.

26. The medicated foam structure according to Claim 25 wherein the structure of the foam comprises porous open cells with a diameter of about 500 microns to about 700 microns.

27. The medicated foam structure according to Claim 25 wherein the structure has side edges.

28. The medicated foam structure according to Claim 25 wherein the therapeutic agent is selected from the group consisting of silicone gel, hydrogels, collagenases, antibacterials, antivirals, antifungals, wound modulating factors, growth factors, platelet derived growth factors, a protease modulating matrix, natural substances, vitamin A, vitamin C, vitamin E, tea tree oil, aloe vera and emu oil.

29. The medicated foam structure according to Claim 25 wherein the therapeutic agent is applied to one or more sides of the structure so the open cell can hold and subsequently release the therapeutic agent.

30. The medicated foam structure according to Claim 25 wherein the structure holds sufficient quantities of therapeutic agents to treat wounds and not to obstruct the porous open cell structure.

31. The system according to Claim 25 wherein the flexible bag has an adjusted opening with sealing means.

32. The system according to Claim 31 wherein the sealing means comprises hook and loop connectors fasteners.

33. The system according to Claim 25 wherein the flexible bag has at least one outlet for draining fluids.

34. The system according to Claim 25 wherein the flexible bag has means for applying negative pressure to the wound through the medicated foam structure to promote healing.

35. The system according to Claim 25 wherein the flexible bag has walls and an inside surface having a dimpled surface such that when the bag collapses from the application of negative pressure onto itself, voids are formed between the walls forming draining pathways for any entrapped fluids draining from the wound due to the application of negative pressure.

36. The system according to Claim 25 wherein the medicated foam structure is in the shape of a glove.

37. The system according to Claim 36 wherein the flexible body bag is in the shape of a glove.

38. The system according to Claim 25 wherein a flexible sheet is utilized in place of the flexible body bag for covering a wound.

39. The system according to Claim 30 wherein a dimpled flexible sheet is utilized in place of the flexible body bag for covering a wound.